(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau



<u> 1 0.514 600.5151 (1.616) 6.517 6.517 6.517 6.517 6.518 6.5</u>

(43) International Publication Date 19 February 2004 (19.02.2004)

PCT

(10) International Publication Number WO 2004/014245 A1

(51) International Patent Classification⁷:

A61B 19/00

(21) International Application Number:

PCT/US2002/025654

- (22) International Filing Date: 13 August 2002 (13.08.2002)
- (25) Filing Language:

English

(26) Publication Language:

English

- (71) Applicant (for all designated States except US): INAMED MEDICAL PRODUCTS CORPORATION [US/US]; 5540 Ekwill Street, Santa Barbara, CA 93111 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): COE, Frederick, L. [US/US]; 526 Alameda Padre Serra, Santa Barbara, CA 93103 (US).
- (74) Agents: VAN BUSKIRK, Tedd, W. et al.; Frommer, Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

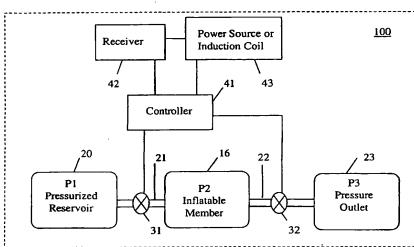
Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: REMOTELY ADJUSTABLE GASTRIC BANDING DEVICE AND METHOD

Remote 40 Control



(57) Abstract: A remotely controllable gastric banding device (10) for placement around the stomach of a patient for the treatment of obesity. The device (10) comprises a gastric band (10) having an inflatable chamber (16) for adjusting the inner circumference of the band (10), a pressurized reservoir (20) with a valve (31) for providing fluid to inflate the inflation chamber (16), a valve (32) for releasing fluid from the inflatable chamber (16), and a controller (41) for controlling the valves (31, 32). The controller (41) is remotely controllable from outside the patient.

